ABSTRACT

The invention relates to method for determining an analyte by means of binding reactions, which method comprises: i) applying the sample to an application zone for sample (ASZ) on a flow matrix in which transport of components present in the sample can take place (transport flow), the flow matrix further exhibiting: a) optionally an application zone (AR*Z) for a binding reactant (Reactant* = R*) which is analytically detectable; b) a detection zone (DZ), which is located downstream of ASZ and exhibits an additional binding reactant (Capturer) firmly anchored to the matrix, and in which a complex (signal complex) containing the Capturer and the analyte and/or Reactant* is formed during the reaction, and ii) detecting the signal complex in the detection zone, the measured signal being used for determining the analyte. According to the invention, the flow matrix comprises at least one separation zone (SZ) between ASZ and DZ, which zone exhibits a structure (ligand) having binding capability for a component that is transported in the matrix and which would affect the measurable signal if the component is transported into DZ. The invention also relates to a test kit comprising the flow matrix.